

**Supplementary File -1**

Detailed search strategy for Medline database/ PubMed

Concept	MeSH Term	Key Words
Kawasaki disease	<p>“Multisystem inflammatory Syndrome”[MESH]</p> <p>“Pediatric multisystem inflammatory disease”[MESH]</p> <p>“Hyperinflammatory shock”[MESH]</p> <p>“Toxic shock syndrome”[MESH]</p> <p>“kawasaki disease”[MESH]</p> <p>Vasculitis[MESH]</p> <p>“pediatric multisystem inflammatory disease, COVID-19 related”[MESH]</p>	<p>“Kawasaki Syndrome”[tiab]</p> <p>“Lymph Node Syndrome, Mucocutaneous”[tiab]</p> <p>“Kawasaki Disease”[tiab]</p> <p>“Mucocutaneous Lymph Node Syndrome”[tiab]</p> <p>“multi-system inflammatory disease, pediatric, COVID-19 related”[tiab]</p> <p>“multi-system inflammatory syndrome, pediatric, COVID-19 related”[tiab]</p> <p>“pediatric multisystem inflammatory syndrome, SARS-CoV-2 related”[tiab]</p> <p>“pediatric multi-system inflammatory disease, COVID-19 related”[tiab]</p> <p>“pediatric multi-system inflammatory syndrome, COVID-19 related”[tiab]</p> <p>“pediatric multi-system inflammatory syndrome, SARS-CoV-2 related”[tiab]</p> <p>“multisystem inflammatory disease, pediatric, COVID-19 related”[tiab]</p> <p>“PIMS-TS”[tiab]</p> <p>“pediatric inflammatory multisystem syndrome”[tiab]</p>

		"multisystem inflammatory syndrome in children MIS-C associated with COVID-19"[tiab]  "MIS-C associated with COVID-19"[tiab]  "MISC associated with COVID-19"[tiab]  "multisystem inflammatory syndrome, pediatric, COVID-19 related"[tiab]  "Septic Shock"[tiab]  "Shock, Toxic"[tiab]  "Toxic Shock"[tiab]  "Toxic Shock Syndrome"[tiab]  "Shock Syndrome, Toxic"[tiab]  "Shock Syndromes, Toxic"[tiab]  "Syndrome, Toxic Shock"[tiab]  "Syndromes, Toxic Shock"[tiab]  "Toxic Shock Syndromes"[tiab]  "Shock, Endotoxic"[tiab]  "Endotoxic Shock"[tiab]  "acute febrile mucocutaneous lymph node syndrome"[tiab]  KD[tiab]  "lymph node syndrome"[tiab]  "Multisystem inflammatory syndrome"[tiab]
COVID-19	"COVID-19" [Supplementary Concept]	"Covid-19"[tiab]  "Covid 19"[tiab]  "Corona virus disease 19"[tiab]

	<p>“Corona virus disease-19”[tiab]</p> <p>“Coronavirus disease-2019”[tiab]</p> <p>“Coronavirus disease 2019”[tiab]</p> <p>“2019 novel coronavirus disease”[tiab]</p> <p>“COVID19”[tiab]</p> <p>“COVID-19 pandemic”[tiab]</p> <p>“SARS-CoV-2 infection”[tiab]</p> <p>“COVID-19 virus disease”[tiab]</p> <p>“2019 novel coronavirus infection”[tiab]</p> <p>“2019-nCoV infection”[tiab]</p> <p>“coronavirus disease 2019”[tiab]</p> <p>“coronavirus disease-19”[tiab]</p> <p>“2019-nCoV disease”[tiab]</p> <p>“N-Cov Disease”[tiab]</p> <p>“n-Cov disease”[tiab]</p> <p>“COVID-19 virus infection”[tiab]</p> <p>“<b>Coronavirus Infection</b>”[tiab]</p> <p>“Infection*, <b>Coronavirus</b>”[tiab]</p> <p>“Novel corona virus”[tiab]</p> <p>“Novel corona virus infection*”[tiab]</p> <p>“2019-nCoV”[tiab]</p> <p>“Severe Acute Respiratory Syndrome Coronavirus-2”[tiab]</p> <p>“Severe Acute Respiratory Syndrome Coronavirus-2 disease”[tiab]</p>
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Paediatric population	"Child"[Mesh]	Adolescen*[tiab] Teen*[tiab] Teenage*[tiab] Youth*[tiab] "Adolescent*, Female"[tiab] "Female Adolescent*"[tiab] "Adolescent*, Male"[tiab] "Male Adolescent*"[tiab] Preschool[tiab] Child*[tiab] Infant*[tiab]
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**Search syntax for different concepts after joining MeSH terms and key words with Boolean operator OR**

**#1** (((((((((((("Adolescent\*"[Mesh]) OR "Child"[Mesh]) OR "Adolescent\*, Male"[tiab]) OR "Adolescen\*[tiab]) OR "Teen\*[tiab]) OR "Teenage\*[tiab]) OR "Youth\*[tiab]) OR "Adolescent\*, Female"[tiab]) OR "Female Adolescent\*"[tiab]) OR "Male Adolescent\*"[tiab]) OR Child\*[tiab]) OR Preschool[tiab] OR Infant[tiab]))))

**#2** (((((((((((((("COVID-19" [Supplementary Concept]) OR "2019 novel coronavirus disease"[tiab]) OR "Covid-19"[tiab]) OR "Covid 19"[tiab]) OR "Corona virus disease 19"[tiab]) OR "Corona virus disease-19"[tiab]) OR "COVID19"[tiab]) OR "Novel corona virus"[tiab]) OR "Novel corona virus infection\*"[tiab]) OR "COVID-19 pandemic"[tiab]) OR "SARS-CoV-2 infection"[tiab]) OR "COVID-19 virus disease"[tiab]) OR "2019 novel coronavirus infection"[tiab]) OR "2019-nCoV infection"[tiab]) OR "coronavirus disease 2019"[tiab]) OR "coronavirus disease-19"[tiab]) OR "2019-nCoV disease"[tiab]) OR "COVID-19 virus infection"[tiab]) OR "Coronavirus Infection"[tiab]) OR "Infection\*, Coronavirus"[tiab]) OR "Severe Acute Respiratory Syndrome Coronavirus-2" [tiab]) OR "Coronavirus-2 disease" [tiab]) OR "2019-nCoV"[tiab]) OR "N-CoV Disease"[tiab]) OR "n-CoV disease"[tiab]))

**#3** (((((((((((("lymph node syndrome"[tiab]) OR KD[tiab]) OR "MISC associated with COVID-19"[tiab]) OR "multisystem inflammatory syndrome, pediatric, COVID-19 related"[tiab]) OR "Septic Shock"[tiab]) OR "Shock, Toxic"[tiab]) OR "Toxic Shock"[tiab]) OR "Toxic Shock Syndrome"[tiab]) OR "Shock Syndrome, Toxic"[tiab]) OR "Shock Syndromes, Toxic"[tiab]) OR "Syndrome, Toxic Shock"[tiab]) OR "Syndromes, Toxic Shock"[tiab]) OR "Toxic Shock Syndromes"[tiab]) OR "Shock, Endotoxic"[tiab]) OR "Endotoxic Shock"[tiab]) OR "acute febrile mucocutaneous lymph node syndrome"[tiab])) OR (((((((((((((Vasculitis[MESH]) OR "pediatric multisystem

inflammatory disease, COVID-19 related”[MESH]) OR “Multisystem inflammatory Syndrome”[MESH]) OR “Pediatric multisystem inflammatory disease”[MESH]) OR “Hyperinflammatory shock”[MESH]) OR “Toxic shock syndrome”[MESH]) OR “kawasaki disease”[MESH]) OR “multisystem inflammatory syndrome in children MIS-C associated with COVID-19”[tiab]) OR “MIS-C associated with COVID-19”[tiab]) OR “Kawasaki Syndrome”[tiab]) OR “Lymph Node Syndrome, Mucocutaneous”[tiab]) OR “Kawasaki Disease”[tiab]) OR “Mucocutaneous Lymph Node Syndrome”[tiab]) OR “multi-system inflammatory disease, pediatric, COVID-19 related”[tiab]) OR “multi-system inflammatory syndrome, pediatric, COVID-19 related”[tiab]) OR “pediatric multisystem inflammatory syndrome, SARS-CoV-2 related”[tiab]) OR “pediatric multi-system inflammatory disease, COVID-19 related”[tiab]) OR “pediatric multisystem inflammatory syndrome, COVID-19 related”[tiab]) OR “pediatric multi-system inflammatory syndrome, COVID-19 related”[tiab]) OR “pediatric multi-system inflammatory syndrome, SARS-CoV-2 related”[tiab]) OR “multisystem inflammatory disease, pediatric, COVID-19 related”[tiab]) OR “PIMS-TS”[tiab]) OR “pediatric inflammatory multisystem syndrome”[tiab] OR “Multisystem inflammatory syndrome”[tiab]))))

#### Final search syntax after joining all the three concepts with Boolean operator AND

##### #1 AND #2 AND #3

((((((((((((((((“lymph node syndrome”[tiab]) OR KD[tiab]) OR “MISC associated with COVID-19”[tiab]) OR “multisystem inflammatory syndrome, pediatric, COVID-19 related”[tiab]) OR “Septic Shock”[tiab]) OR “Shock, Toxic”[tiab]) OR “Toxic Shock”[tiab]) OR “Toxic Shock Syndrome”[tiab]) OR “Shock Syndrome, Toxic”[tiab]) OR “Shock Syndromes, Toxic”[tiab]) OR “Syndrome, Toxic Shock”[tiab]) OR “Syndromes, Toxic Shock”[tiab]) OR “Toxic Shock Syndromes”[tiab]) OR “Shock, Endotoxic”[tiab]) OR “Endotoxic Shock”[tiab]) OR “acute febrile mucocutaneous lymph node syndrome”[tiab])) OR (((((((((((((Vasculitis[MESH]) OR “pediatric multisystem inflammatory disease, COVID-19 related”[MESH]) OR “Multisystem inflammatory Syndrome”[MESH]) OR “Pediatric multisystem inflammatory disease”[MESH]) OR “Hyperinflammatory shock”[MESH]) OR “Toxic shock syndrome”[MESH]) OR “kawasaki disease”[MESH]) OR “multisystem inflammatory syndrome in children MIS-C associated with COVID-19”[tiab]) OR “MIS-C associated with COVID-19”[tiab]) OR “Kawasaki Syndrome”[tiab]) OR “Lymph Node Syndrome, Mucocutaneous”[tiab]) OR “Kawasaki Disease”[tiab]) OR “Mucocutaneous Lymph Node Syndrome”[tiab]) OR “multi-system inflammatory disease, pediatric, COVID-19 related”[tiab]) OR “pediatric multisystem inflammatory syndrome, SARS-CoV-2 related”[tiab]) OR “pediatric multi-system inflammatory disease, COVID-19 related”[tiab]) OR “pediatric multisystem inflammatory syndrome, COVID-19 related”[tiab]) OR “pediatric multi-system inflammatory syndrome, COVID-19 related”[tiab]) OR “pediatric multi-system inflammatory syndrome, SARS-CoV-2 related”[tiab]) OR “multisystem inflammatory disease, pediatric, COVID-19 related”[tiab]) OR “PIMS-TS”[tiab]) OR “pediatric inflammatory multisystem syndrome”[tiab] OR “Multisystem inflammatory syndrome”[tiab])))) AND (((((((((((((((((“COVID-19” [Supplementary Concept]) OR “2019 novel coronavirus disease”[tiab]) OR “Covid-19”[tiab]) OR “Covid 19”[tiab]) OR “Corona virus disease 19”[tiab]) OR “Corona virus disease-19”[tiab]) OR “COVID19”[tiab]) OR “Novel corona virus”[tiab]) OR “Novel corona virus infection\*”[tiab]) OR “COVID-19 pandemic”[tiab]) OR “SARS-CoV-2 infection”[tiab]) OR “COVID-19 virus disease”[tiab]) OR “2019 novel coronavirus infection”[tiab]) OR “2019-nCoV infection”[tiab]) OR “coronavirus disease 2019”[tiab]) OR “coronavirus disease-19”[tiab]) OR “2019-nCoV disease”[tiab]) OR “COVID-19 virus infection”[tiab]) OR “Coronavirus Infection”[tiab]) OR “Infection\*, Coronavirus”[tiab]) OR

"Severe Acute Respiratory Syndrome Coronavirus-2 disease"[tiab]) OR "Severe Acute Respiratory Syndrome Coronavirus-2"[tiab]) OR "Coronavirus-2 disease"[tiab]) OR "2019-nCoV"[tiab]) OR "N-CoV Disease"[tiab]) OR "n-CoV disease"[tiab])))) AND (((((((((((("Adolescent\*"[Mesh]) OR "Child"[Mesh]) OR "Adolescent\*, Male"[tiab]) OR "Adolescen\*"[tiab]) OR "Teen\*"[tiab]) OR "Teenage\*"[tiab]) OR "Youth\*"[tiab]) OR "Adolescent\*, Female"[tiab]) OR "Female Adolescent\*"[tiab]) OR "Male Adolescent\*"[tiab]) OR Child\*[tiab]) OR Preschool[tiab] OR Infant[tiab])))))